

# TabaNOid

ISSUE I.

## Introduction

Tabanid flies – commonly known as horse flies – inflict painful bites on cattle and horses. Tabanids are found worldwide and attacks of the blood-sucking female have serious economic consequences to livestock, including significant blood loss resulting in livestock weakening and sometimes death. Tabanids also reduce productivity (milk yields and meat production) by interfering with grazing time, furthermore, Tabanid flies transmit numerous diseases such as equine infectious anaemia.

SME proposers of the current project recognized the need to develop an affordable, effective, protective system that captures tabanids.

The TabaNOid trap, developed using cutting edge technology, is ideal for protecting outside fed livestock, particularly in eco-farms that comply with bio standards. Outdoor swimming pools or camp sites located in close proximity of water are also prone to the attack of blood-thirsty tabanids.



## Consortium

<u>Partner</u>
MFKK Invention and Research Center Services Ltd.
Lenis Global Plastik ve Kalip Sanayi ve Ticaret Ltd Sti
Agropharm Ltd.
Kőrös-Maros Biofarm Szarvasmarha-tenyésztő Kft.
Eohippus družba za usposabljanje in zaposlovanje invalidov d.o.o.
MEPARK Tourism and Trading Limited Co.
JCB Electromecanica S.L.
Eötvös Lóránd Tudományegyetem
Fundacion Tekniker



## Project Progress

The **Kick-Off Meeting** was held on 13<sup>th</sup> May 2009 in Budapest.

The aim of this meeting was to:

- Introduce the 'Research for the Benefit of SMEs' Programme to the consortium partners
- Introduce each member of the consortium and their interests in the project
- Introduce EC contract matters inclusive Grant Agreement (GA) and Consortium Agreement (CA)
- Review the project's technical and scientific content inclusive objectives, work programme, deliverables & milestones
- Review project activities and the role of partners
- Introduce exploitation and dissemination issues
- Discuss further open questions

1. **Welcome & Introduction**  
Research for the Benefit of SMEs Programme  
Introduction of partners and their interest in the project
2. **EC Contract matters**  
Grant Agreement  
Consortium Agreement  
*Coffee break*
4. **Project review**  
Objectives  
Work Programme  
Deliverables and Milestones  
Review of project activities & Role of partners
5. **Exploitation**  
Exploitation Agreement  
Dissemination of Results
6. **Schedule of meetings / Any other business**

*Lunch*

In the **D.1** deliverable are found the market survey results. To lay down the grounds for the exploitation, provide an initial idea to the market about the product to be developed and initially penetrate into pest & fly control market in Europe with an emphasize on horse-fly control.

The goal of the **D.2** deliverable is the construction and maintenance of a public website throughout the entire duration of the project. The link of the TabaNOid project website is <http://tabanoid.mfkk.hu>.

In this period are found the **D.3** deliverable (Product specification report), the **D.4** deliverable (Scientific report including entire characterization of the tabanid family).

### The next meetings:

- M6-M9 meeting will be planned for 25th February, 2010 in Ljubljana, Slovenia.



## Project Showcase

### Highly effective against horse flies

The new H-trap system effectively controls horse fly numbers, reducing them to an absolute minimum.

**The H-trap** is designed to be placed outdoors, where it works without the need for chemicals or electricity. Extensive independent trials have shown a reduction of 90-95% in horse fly numbers in areas protected by the H-trap can be realised.

**The horse flies** are 'tricked' into mistaking the centrally placed black ball in the H-trap as a large animal, such as your horse. They are attracted to the ball since it emits heat, exactly like the body of the horse.

Once they are positioned on the black ball, they will investigate it and try to sting it. Since they will be unsuccessful in gaining their desired blood feed, they will follow their natural behaviour and fly away.

**Horse flies** naturally fly upwards, hood system, where they are guided into a centrally placed collection bin. This is filled with water and they die in the trap.



For more information, please visit:

<http://www.h-trap.net/en/>



## Patent watch

### Fly trap

**Inventor:** Neil A. Newman, 4552 Poygan Ave., Omro, WI (US) 54963

**Patent No.:** US 6,604,317 B1

**Date of Patent:** 12.08.2003

**Appl.No.:** 09/263,531

**Filed:** 05.03.1999

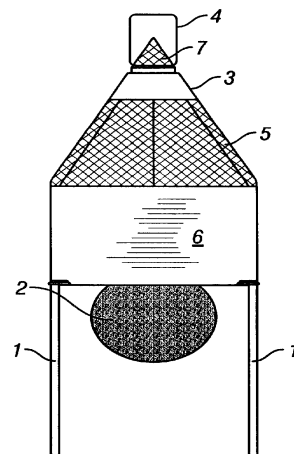


FIG. 1

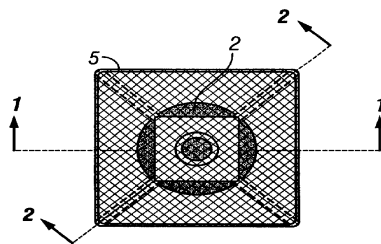


FIG. 2

A blood-feeding-fly trap composed of 3 or more legs held in position by a top element or elements and a flexible cover. Spacing rods also locate the legs and hold the cover taut. A dark object hangs freely from the top element to attract the flies which are retained in a container at the top of the trap. The design allows easy relocation when assembled. All major elements are held by fasteners that allow assembly and disassembly for efficient manufacture, shipping, and storage.



## Conference and Fair

### Nordpferd

15 - 17 April 2010

Nordpferd has established itself as a versatile showcase for equine sports in North Germany and has grown into the biggest Horse Fair in the region. The Fair will take place in Neumünster and will offer a complete programme for these three days.

Further information about Nordpferd can be found [here](#).

